



## T0635H-8E 6A TRIAC

Rev.A.1.0

The T0635H-8E triac is suitable for general purpose AC switching. It can be used as an ON/OFF function in

8)	$V_{pp}$	3	kV
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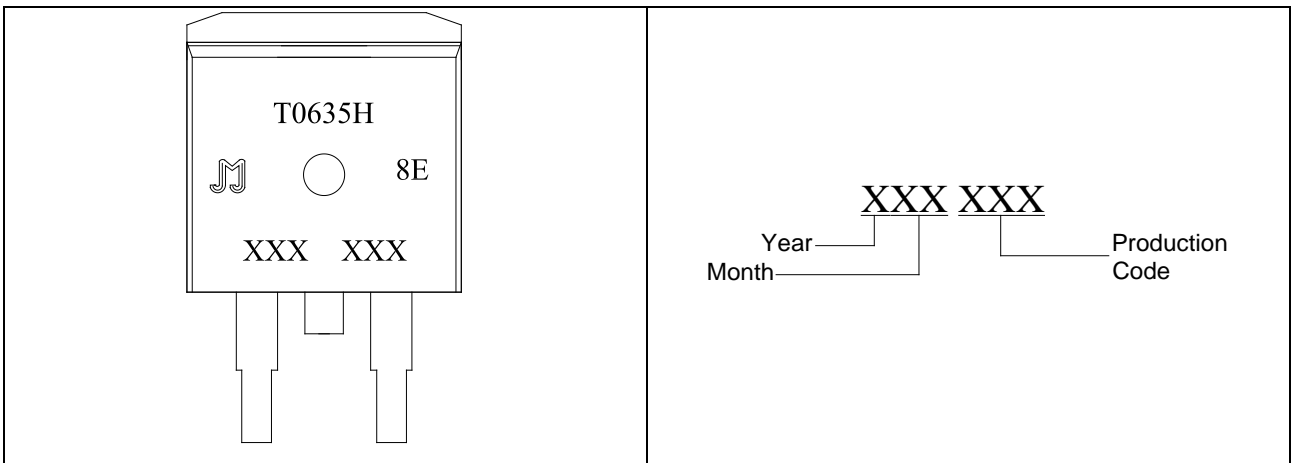
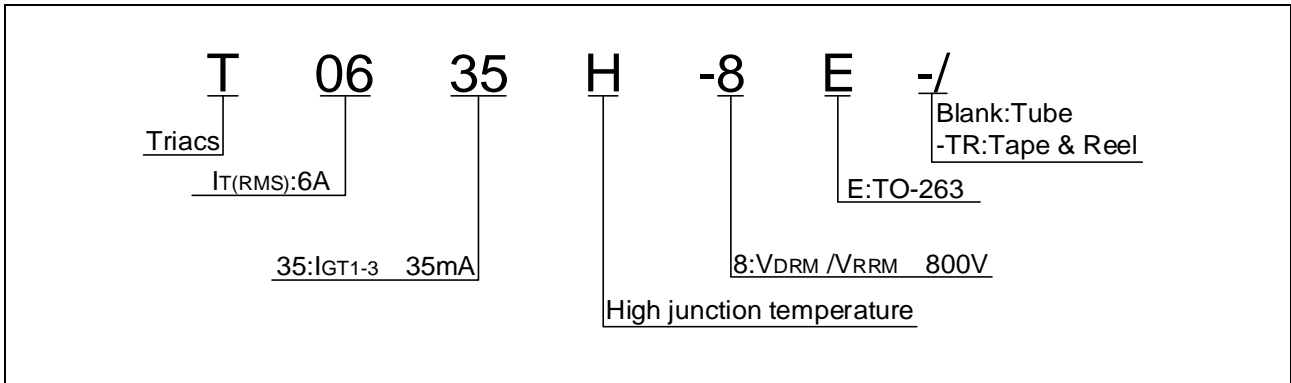
25 unless otherwise specified)

Quadrant	Value		Unit
- -	MAX.	35	mA
- -	MAX.	1	V
- -	MIN.	0.2	V
-	MAX.	50	mA
		70	
	MAX.	45	mA
50	MIN.	1000	V s
	MIN.	3	A/ms
mA	TYP.	3	s
		30	

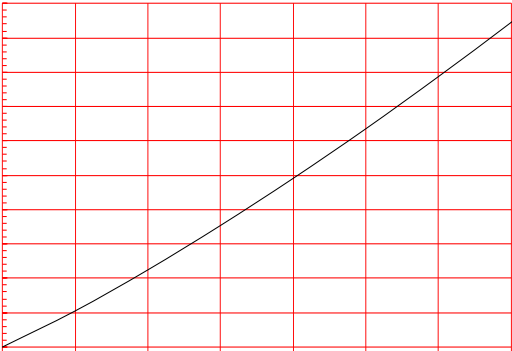
Parameter	Value(MAX.)	Unit
$f_{j=25}$	1.4	V
$f_{j=150}$	0.8	V
$f_{j=150}$	63	
$f_{j=25}$	5	A
$f_{j=150}$	1	mA

Parameter	Value	Unit
	2.3	W

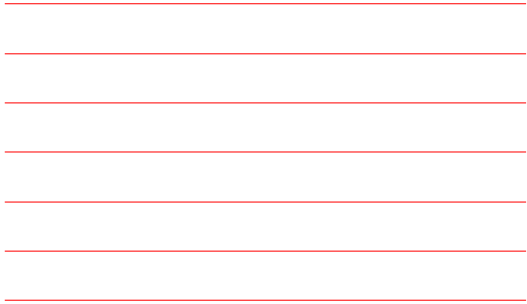
to



**FIG.1** Maximum power dissipation versus RMS on-state current



**FIG.2:** RMS on-state current versus case temperature



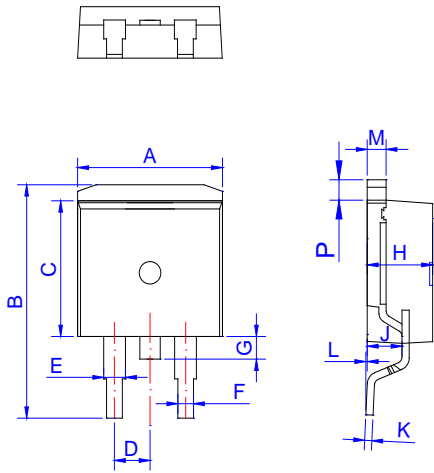
**FIG.7:** Relative variations of gate trigger current, holding current and latching current versus junction temperature



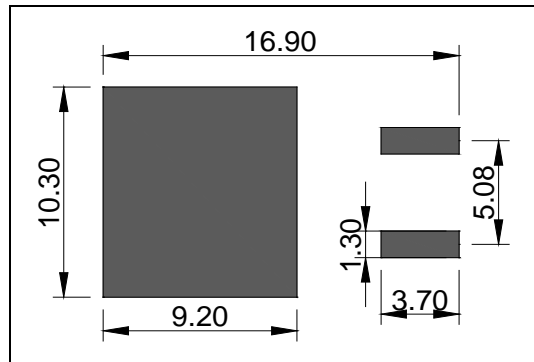
FIG.8 Test circuit for inductive and resistive loads to IEC-61000-4-5 standards



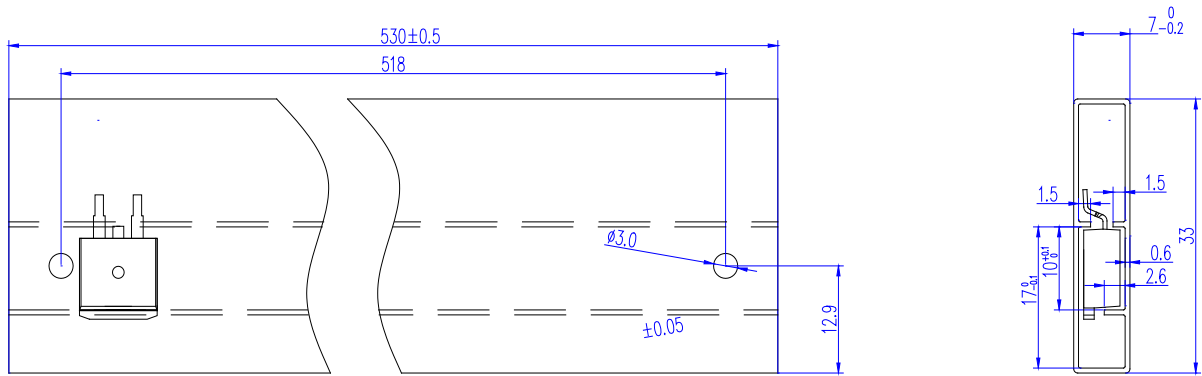
Order code	Voltage $V_{DRM}/V_{RRM}$ (V)	IGT(mA)	Package	Base qty. (pcs)	
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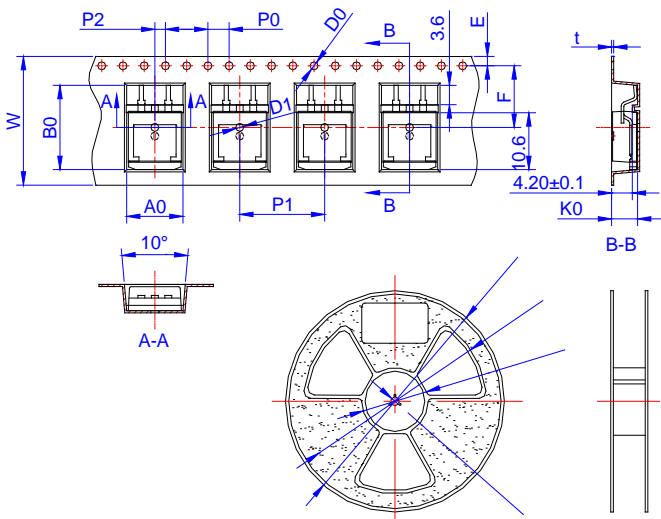
Ref.	Dimensions					
	Millimeters			Inches		
	Min.	Typ.	Max.	Min.	Typ.	Max.
A	9.90		10.20	0.390		0.402
B	14.70		15.80	0.579		0.622
C	9.40		9.60	0.37		0.378
D	2.40		2.70	0.094		0.106
E	1.20		1.50	0.047		0.059
F	0.75		0.85	0.029		0.033
G	1.00		1.50	0.039		0.059
H	4.40		4.70	0.173		0.185
J	2.30		2.70	0.091		0.106
K	0.38		0.55	0.015		0.022
L	0	0.10	0.25	0	0.004	0.010
M	1.25		1.35	0.049		0.053
P	1.20		1.50	0.047		0.059








PACKAGE	OUTLINE	TUBE (PCS)	INNER BOX (PCS)	PER CARTON
TO-263	TUBE	50	1,000	5,000



Ref.	Dimensions					
	Millimeters			Inches		
	Min.	Typ.	Max.	Min.	Typ.	Max.
W	23.70	24.00	24.30	0.933	0.945	0.957
E	1.65	1.75	1.85	0.065	0.069	0.073
F	11.40	11.50	11.60	0.449	0.453	0.457
D0	-	1.50	1.60	-	0.059	0.063
D1	-	1.50	1.60	-	0.059	0.063
P0	3.90	4.00	4.10	0.154	0.157	0.161
P1	15.90	16.00	16.10	0.626	0.630	0.634
P2	1.90	2.00	2.10	0.075	0.079	0.083
A0	10.80	10.90	11.00	0.425	0.429	0.433
B0	16.20	16.30	16.40	0.638	0.642	0.646
K0	4.80	4.90	5.00	0.189	0.193	0.197
t	0.35	0.40	0.45	0.014	0.016	0.018

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